

L Number	Hits	Search Text	DB	Time stamp
-	65	heat near4 shield near10 control\$5 near5 (locat\$4 or rais\$5 or low\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/04 14:29
-	58	heat near4 shield near10 control\$5 near5 (locat\$4 or rais\$5 or lower\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 11:05
-	58	heat near4 shield near10 (control\$3 or control1\$3) near5 (locat\$4 or rais\$5 or lower\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 11:07
-	12	(heat near4 shield near10 (control\$3 or control1\$3) near5 (locat\$4 or rais\$5 or lower\$4)) and crystal\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 11:43
-	28	void near10 vacancy near10 defect and 117/\$4.ccls. and ingot	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 11:43

L Number	Hits	Search Text	DB	Time stamp
1	87	czochralski and (heat adj shield) same (rais\$3 or lower\$3 or increas\$3 or decreas\$3) and cool\$3	DB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/04 14:34
2	92	memc.as. and czochralski and gradient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/04 14:53
3	0	czochralski and gradient near4 temperature near3 (uniform\$4) near4 (center or edge or periphery)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/04 14:55
4	76	czochralski and gradient near4 temperature near3 (center or edge or periphery)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/04 14:56

FIG.11

